What is claimed is:

1. A remote-controlled toy comprising:

a transmitter having an operating section, for transmitting communication data including both identification data and operational data received from the operating section; and

a receiver for receiving the communication data transmitted from the transmitter, setting the communication data as communication data for this receiver when the identification data included in the received communication data is identical with identification data stored in a storage section in advance, and performing a control operation based on the operational data of the communication data for this receiver,

the transmitter further comprising:

a setting section for setting a transmission cycle of the communication data;

a judging section for judging whether or not the operational data inputted to the operating section is changed; and

a transmission control section for transmitting no communication data when the judging section judges that the operational data inputted to the operating section is not changed, and transmitting the communication data at the transmission cycle set by the setting section when the judging section judges that the operational data inputted

to the operating section is changed, and

the receiver continuing performing the current control operation until new communication data for this receiver is received.

2. The remote-controlled toy as claimed in claim 1; wherein the transmission control section stops transmitting the communication data, when the judging section judges that the operational data inputted to the operating section is not changed, after the elapsing of a prescribed time period from a last judgment for last operational data inputted to the operating section to be changed or after the transmission of the communication data prescribed number times from the last judgment for the last operational data inputted to the operating section to be changed.

3. The remote-controlled toy as claimed in claim 1; wherein the setting section has a switch for selecting a transmission cycle from a plurality of transmission cycles and sets the transmission cycle selected by the switch as the transmission cycle of the communication data.

4. The remote-controlled toy as claimed in claim 2; wherein the setting section has a switch for selecting a transmission cycle from a plurality of transmission cycles

and sets the transmission cycle selected by the switch as the transmission cycle of the communication data.

5. A remote-controlled toy comprising:

a transmitter having an operating section, for transmitting communication data including both identification data and operational data received from the operating section; and

a receiver for receiving the communication data transmitted from the transmitter, setting the communication data as communication data for this receiver when the identification data included in the received communication data is identical with identification data stored in a storage section in advance, and performing a control operation based on the operational data of the communication data for this receiver,

the transmitter further comprising:

a selecting section for selecting a channel from a plurality of channels, at least two transmission cycles of a long cycle and a short cycle being preset for each channel;

a judging section for judging whether or not the operational data inputted to the operating section is changed; and

a transmission control section for changing the transmission cycles, which are set in the channel selected

by the selecting section, according to a judgment result of the judging section, and controlling the communication data to be transmitted in the changed transmission cycle, and

the receiver continuing performing the current control operation until new communication data for this receiver is received.

6. The remote-controlled toy as claimed in claim 5; wherein the transmission control section changes the transmission cycle to the long cycle, when the judging section judges that the operational data inputted to the operating section is not changed, and changes the transmission cycle to the short cycle when the judging section judges that the operational data inputted to the operating section is changed.

7. The remote-controlled toy as claimed in claim 5; wherein the transmission control section changes the transmission cycle to the short cycle, when the judging section judges that the operational data inputted to the operating section is changed, and changes the transmission cycle to the long cycle, when the judging section judges for the operational data inputted to the operating section not to be changed after a last judgment to be changed, after the elapsing of a prescribed time period from the last judgment or after the transmission of the

communication data prescribed number times from the last judgment.

8. The remote-controlled toy as claimed in claim 7; wherein the transmission control section changes the transmission cycle to the short cycle, when the judging section judges that the operational data inputted to the operating section is changed, and changes the transmission cycle to the long cycle, when the judging section judges for the operational data inputted to the operating section not to be changed after a last judgment to be changed, after the elapsing of a prescribed time period from the last judgment or after the transmission of the communication data prescribed number times from the last judgment.

9. The remote-controlled toy as claimed in claim 1; wherein a communication frequency in the communication between the transmitter and the receiver is constant.

10. The remote-controlled toy as claimed in claim 5; wherein a communication frequency in the communication between the transmitter and the receiver is constant.